

9-29-05

TW 1625

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))					Docket No. NAG-10302/50			
In Re Application: A. Abbatto, et al.								
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.			
10/523,751	2/9/2005		25006	1625	2838			
Title: TWO-PHOTON ABSORPTION HETEROAROMATIC CHROMOPHORES AND COMPOSITIONS THEROF								
<p style="text-align:center">Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))</p> <p><input type="checkbox"/> A check in the amount of _____ is attached.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 07-1180 as described below.</p> <p style="margin-left: 40px;"><input type="checkbox"/> Charge the amount of _____</p> <p style="margin-left: 40px;"><input type="checkbox"/> Credit any overpayment.</p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> Charge any additional fee required.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <table border="1" style="width:100%"><tr><td style="width:50%"><p style="text-align:center">Certificate of Transmission by Facsimile*</p><p>I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____)</p><p>_____ (Date)</p><p>_____ Signature</p><p>_____ Typed or Printed Name of Person Signing Certificate</p></td><td style="width:50%"><p style="text-align:center">Certificate of Mailing by First Class Mail</p><p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as <u>first class</u> mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on <u>9/28/2005</u>.</p><p>_____ (Date)</p><p><u>Maureen M Charlebois</u> Signature of Person Mailing Correspondence</p><p><u>Maureen M Charlebois</u> Typed or Printed Name of Person Mailing Certificate</p></td></tr></table> <p>*This certificate may only be used if paying by deposit account.</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"><div style="width: 45%;"><p><u>Kevin S. MacKenzie</u> Signature</p><p>Kevin S. MacKenzie, Reg. No. 45,639 Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C. P.O. Box 7021 Troy, MI 48007-7021 (248) 647-6000</p></div><div style="width: 45%; text-align: right;"><p>Dated: 9/26/05</p></div></div> <p>CC:</p>							<p style="text-align:center">Certificate of Transmission by Facsimile*</p> <p>I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____)</p> <p>_____ (Date)</p> <p>_____ Signature</p> <p>_____ Typed or Printed Name of Person Signing Certificate</p>	<p style="text-align:center">Certificate of Mailing by First Class Mail</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as <u>first class</u> mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on <u>9/28/2005</u>.</p> <p>_____ (Date)</p> <p><u>Maureen M Charlebois</u> Signature of Person Mailing Correspondence</p> <p><u>Maureen M Charlebois</u> Typed or Printed Name of Person Mailing Certificate</p>
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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
 NAG-10302/50

In Re Application Of: A. Abbatto, et al.

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/523,751	2/9/2005		25006	1625	2838

Title: **TWO-PHOTON ABSORPTION HETEROAROMATIC CHROMOPHORES AND COMPOSITIONS THEROF**

Address to:
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

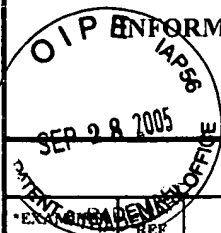
37 CFR 1.97(c)

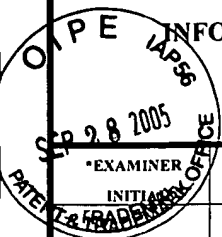
2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

 <p style="margin: 0;">INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p>				Docket Number (Optional) NAG-10302/50		Application Number 10/523,751		
				Applicant(s) Alessandro Abbotto et al.				
				Filing Date 02/09/2005		Group Art Unit 1625		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
		W. Kaiser and C.G. B. Garrett; Two-Photon Excitation in $\text{CaF}_2:\text{Eu}^{2+}$ Bell Telephone Laboratories, Murray Hill, NJ September 15, 1961 Vol. 7, No. 6						
		W. Denk, J. Strickler and W. Webb; Two-Photon Laser Scanning Fluorescence Microscopy; School of Applied and Engineering Physics; April 6, 1990						
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

Docket Number (Optional)

NAG-10302/50

Application Number

10/523,751

Applicant(s)

Alessandro Abbott, et al.

Filing Date

02/09/2005

Group Art Unit

1625**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)***B. Cumpston et al.; Two-photon polymerization initiators for three-dimensional optical data storage and microfabrication; Nature, Vol. 398; March 4, 1999****J.E. Ehrlich et al.; Two-photon adsorption and broadband optical limiting with bis-donor stilbenes; Optics Letters, Vol. 22, No. 24 December 15, 1997****D. Day et al.; Use of two-photon excitation for erasable-rewritable three-dimensional bit optical data storage in a photorefractive polymer; Optics Letters, Vol. 24, No. 14; July 15, 1999****A. Abbotto et al.; Heterocycle-based materials for frequency-upconverted lasing; Synthetic Metals 121 (2001) 1755-1756****A. Abbotto et al.; Push-pull organic chromophores for frequency-upconverted lasing; Advanced Materials, 2000, 12, No. 24, December 15****K. Belfield; Near-IR two-photon photoinitiated polymerization using a fluorone/amin initiating system; American Chemical Society, 2000 122, 1217-1218****Goppert-Mayer, Maria. Annalen der Physik (1931), 9 273-94
Elementary processes with two quantum jumps.****EXAMINER****DATE CONSIDERED*****EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**